

Aug 28 11:09:14 2001

us-09-486-334-2.ra1

Page 1

GenCore version 4.5
Copyright (c) 1993 - 2000 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: August 21, 2001, 12:06:13 : Search time 12.28 Seconds
(Without alignments)
526,496 Million cell updates/sec

Title: US-09-486-334-2
Perfect score: 1641
Sequence: 1 MATCIDTCRIGNTDDSRF.....IPCLTMDTSTYTEKSYVI 314

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 197339 seqs, 20590346 residues
Total number of hits satisfying chosen parameters: 197339

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :
1: Issued_Patents.AA.*
2: /cgn2_6/ptodata/2/1aa/5A.COMB.pep.*
3: /cgn2_6/ptodata/2/1aa/5B.COMB.pep.*
4: /cgn2_6/ptodata/2/1aa/6A.COMB.pep.*
5: /cgn2_6/ptodata/2/1aa/PCTUS.COMB.pep.*
6: /cgn2_6/ptodata/2/1aa/Bacfil1es1.pep.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Length	ID	Description
1	648.5	39.5	273 4 US-09-065-104-1	Sequence 1, Appli
2	145.5	8.9	160 2 US-08-846-762-6	Sequence 6, Appli
3	145.5	8.9	163 2 US-08-846-762-75	Sequence 75, Appli
4	132.5	8.1	380 3 US-08-971-782-4	Sequence 4, Appli
5	132.5	8.1	459 3 US-09-309-026-4	Sequence 2, Appli
6	132.5	8.1	459 3 US-08-971-782-2	Sequence 2, Appli
7	132.5	8.1	459 3 US-09-309-026-2	Sequence 2, Appli
8	125.5	7.6	191 2 US-08-846-762-76	Sequence 9, Appli
9	97.5	5.9	159 1 US-08-597-236-9	Sequence 9, Appli
10	97.5	5.9	159 1 US-08-746-682A-9	Sequence 56, Appli
11	94	5.7	197 4 US-08-975-762-56	Sequence 85, Appli
12	90	5.5	168 3 US-09-188-579-85	Sequence 85, Appli
13	90	5.5	168 4 US-09-315-444-85	Sequence 63, Appli
14	87	5.3	713 1 US-08-190-802A-63	Sequence 12, Appli
15	87	5.3	713 1 US-09-032-372-12	Sequence 15, Appli
16	84.5	5.1	361 3 US-08-886-866-15	Sequence 10, Appli
17	81.5	5.0	470 1 US-08-398-627-10	Sequence 10, Appli
18	81.5	5.0	470 1 US-08-406-858-10	Sequence 10, Appli
19	81.5	5.0	470 5 PCT-US91-04036-10	Sequence 10, Appli
20	81.5	5.0	470 5 PCT-US94-05275-10	Sequence 9, Appli
21	81.5	5.0	470 5 PCT-US94-05275-10	Sequence 9, Appli
22	81	4.9	251 2 US-08-436-748-9	Sequence 2, Appli
23	81	4.9	540 1 US-08-286-325A-2	Sequence 2, Appli
24	80.5	4.9	781 1 US-08-373-134D-2	Sequence 2, Appli
25	80.5	4.9	781 1 US-09-114-637-2	Sequence 1, Appli
26	80.5	4.9	2237 1 US-08-354-973-1	Sequence 72, Appli
27	80	4.9	276 2 US-07-857-224B-72	

28	80	4.9	1912 1 US-08-409-995-4	Sequence 4, Appli
29	80	4.9	1912 3 US-08-685-467-4	Sequence 4, Appli
30	80	4.9	2353 4 US-09-377-155-33	Sequence 33, Appli
31	80	4.9	2353 4 US-08-913-947-4	Sequence 4, Appli
32	78	4.8	3898 2 US-08-876-991-2	Sequence 2, Appli
33	78	4.8	3898 2 US-09-059-853-2	Sequence 2, Appli
34	77.5	4.7	402 4 US-09-464-483-4	Sequence 4, Appli
35	77.5	4.7	529 4 US-09-464-483-2	Sequence 2, Appli
36	77.5	4.7	529 4 US-09-414-664-2	Sequence 2, Appli
37	77.5	4.7	529 4 US-09-094-557-1	Sequence 5, Appli
38	77.5	4.7	667 4 US-08-476-008-5	Sequence 7, Appli
39	76.5	4.7	449 1 US-08-476-008-7	Sequence 5, Appli
40	76.5	4.7	449 1 US-08-306-063-5	Sequence 5, Appli
41	76.5	4.7	449 1 US-08-306-063-7	Sequence 7, Appli
42	76.5	4.7	449 1 US-08-833-485-5	Sequence 5, Appli
43	76.5	4.7	449 1 US-08-833-485-7	Sequence 7, Appli
44	76.5	4.7	449 4 US-09-137-440-5	Sequence 5, Appli
45	76.5	4.7		

ALIGNMENTS

RESULT 1
US-09-065-104-1
Sequence 1, Application US/09065104
Patent No. 6218168
GENERAL INFORMATION:
APPLICANT: LEINFELDER, Walfrid,
APPLICANT: HEINRICH, Peter
TITLE OF INVENTION: Process for Preparing O-
TITLE OF INVENTION: Acetylserine, L-Cysteine and L-Cysteine-Related
TITLE OF INVENTION: Products
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: Collard & Roe, P.C.
STREET: 1077 No. 6218168th Avenue Boulevard
CITY: Roslyn
STATE: New York
COUNTRY: U.S.A.
ZIP: 11576
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect Version 5.1 for DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/065,104
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE 195 39 952
FILING DATE: 26-OCT-1995
APPLICATION NUMBER: WO 97/15673
FILING DATE: 24-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Collard, Allison C.
REGISTRATION NUMBER: 22,532
REFERENCE/DOCKET NUMBER: LEINFELDER PCT
ATTORNEY/AGENT INFORMATION:
NAME: Friedman, Edward R.
REGISTRATION NUMBER: 26,048
REFERENCE/DOCKET NUMBER: LEINFELDER PCT
ATTORNEY/AGENT INFORMATION:
NAME: Richter, Elizabeth C.
REGISTRATION NUMBER: 35,103
REFERENCE/DOCKET NUMBER: LEINFELDER PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (516) 365-9805
TELEFAX: (516) 365-9802
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 273 amino acids

TYPE: amino acids
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
ORIGINAL SOURCE:
ORGANISM: Escherichia coli
STRAIN: w3110
US-09-065-104-1

Query Match
Best Local Similarity 39.5%; Score 648.5; DB 4; Length 273;
Matches 132; Conservative 51; Mismatches 72; Indels 5; Gaps 2;

QY 43 EDDDDVITKMLEAKSDVQOEPLISNYVASTSHRSLSMAHLISKLSNLTNPSNTL 102
DB 4 EELTVNNNTKARARLADCEPPLASFYATILTKHENLGSLSYMLANKLSSPIMPAI 63
QY 103 FELFISVLESPPIESTKODLAVKENDPACISYVHCFGLACQAHRIAHILMKO 162
DB 64 REVEEAYADPEMLASACDIAVTRDPADVKTSTPLLYLGFHALQVIRIGHWLMQ 123
QY 163 NRKIVALLQNRVSESPAVDHPGAKIGKILDHATGVYIGETAVGDNVSLHGVTLG 222
DB 124 GRALALIFLQNOVSVTFQVDIHPAKIGRGMIDHATGIYGETAVIENDVSILOSVTIG 183
QY 223 GTGKSGDRHPRKIGDVLIGAGSCILNITIGBAGKISGVVVKDVPARTAVGNPARL 282
DB 184 GTGKSGDRHPRKIGDVLIGAGSCILNITIGBAGKISGVVVKDVPARTAVGNPARL 282
QY 283 IGGKRNPRKHDKICLITMDQ 302
DB 244 VGKPDSDK-PSMDMDQ 258

RESULT 2
US-08-846-762-6
Sequence 6, Application US/08846762A
Patent No. 5994072
GENERAL INFORMATION:
APPLICANT: Lam, Joseph S.
APPLICANT: Burrows, Lori
APPLICANT: Charter, Deborah
APPLICANT: de Kievit, Teresa
TITLE OF INVENTION: of O-Antigen in Pseudomonas aeruginosa
FILE REFERENCE: 6580-089
CURRENT APPLICATION NUMBER: US/08/846,762A
NUMBER OF SEQ ID NOS: 100
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 6
LENGTH: 160
TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
US-08-846-762-6

Query Match
Best Local Similarity 8.9%; Score 145.5; DB 2; Length 160;
Matches 42; Conservative 18; Mismatches 42; Indels 27; Gaps 3;

QY 181 VDIHPAKIGKIGILDHATGVYIGETAVGDNVSLHGVTLG 221
DB 27 VHIAGARIGAGVSL--GQNFVGNKVVIGRCKIQNNVSVYNNVTLLEGVFCGSGSMFT 84
QY 222 -----GGTGKSGDRHPRKIGDVLIGAGSCILNITIGBAGKISGVVVKDVPARTTA 275
DB 85 NYNPNRSLIERDQYRNTLVKKGATLGANCTIYCGVTIGETAFLAGAVINKNVPSYALM 144
QY 276 VGNPARLIG 284
DB 145 VGVPARQIG 153

RESULT 3
US-08-846-762-75
Sequence 75, Application US/08846762A
Patent No. 5994072
GENERAL INFORMATION:
APPLICANT: Lam, Joseph S.
APPLICANT: Burrows, Lori
APPLICANT: Charter, Deborah
APPLICANT: de Kievit, Teresa
TITLE OF INVENTION: of O-Antigen in Pseudomonas aeruginosa
FILE REFERENCE: 6580-089
CURRENT APPLICATION NUMBER: US/08/846,762A
NUMBER OF SEQ ID NOS: 100
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 75
LENGTH: 163
TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
US-08-846-762-75

Query Match
Best Local Similarity 8.9%; Score 145.5; DB 2; Length 163;
Matches 42; Conservative 18; Mismatches 72; Indels 27; Gaps 3;

QY 181 VDIHPAKIGKIGILDHATGVYIGETAVGDNVSLHGVTLG 221
DB 27 VHIAGARIGAGVSL--GQNFVGNKVVIGRCKIQNNVSVYNNVTLLEGVFCGSGSMFT 84
QY 222 -----GGTGKSGDRHPRKIGDVLIGAGSCILNITIGBAGKISGVVVKDVPARTTA 275
DB 85 NYNPNRSLIERDQYRNTLVKKGATLGANCTIYCGVTIGETAFLAGAVINKNVPSYALM 144
QY 276 VGNPARLIG 284
DB 145 VGVPARQIG 153

RESULT 4
US-08-971-782-4
Sequence 4, Application US/08971782
Patent No. 6043071
GENERAL INFORMATION:
APPLICANT: Wallis, Nicola G.
APPLICANT: Shilling, Lisa K.
APPLICANT: Jaworski, Deborah D.
APPLICANT: Wang, Min
APPLICANT: Mooney, Jeffrey L.
APPLICANT: Dehouck, Christine M.
TITLE OF INVENTION: No. 6043071el GIMU
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESS: Dechert Price & Rhoads
CITY: Philadelphia
STATE: PA
COUNTRY: US
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/971,782
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:

TELEFAX: 215-994-2222
TELETYPE:

```
Query Match      8.1%; Score 132.5; DB 3; Length 459
```

Best Local Similarity 32.1%; Pred. No. 2e-06;
Matches 36; Conservative 19; Mismatches 44; Indels 13; Gaps 5;

QY 174 RVSEFANDIH-----PGAKIGKGLLDHATGVIGETAVGVNDVNSILHG-VTLGGTG 225
Db 332 RPNSSLAGQVHIGNEVEKSSIGENTKAGHLT--YIG-SCVEGNNPFCAGITTVWDG 388

QY 226 KOSGRHPRKIGDVLIGAGSCILGNTIGEGAKIGSGSVVKKVDPARTTAVG 277
Db 389 KKK--YKTVIGDNVFGVNSITIIAPVELGDNLSVAGSTTTKDPADALIAIG 438

RESULT 7

US-09-309-026-2
; Sequence 2, Application US/09309026
; Patent No. 6204042

GENERAL INFORMATION:

APPLICANT: Mallis, Nicola G.
APPLICANT: Shilling, Lisa K.
APPLICANT: Jaworski, Deborah D.
APPLICANT: Wang, Min
APPLICANT: Mooney, Jeffrey L.
APPLICANT: Debouck, Christine M.
TITLE OF INVENTION: No. 6204042el GLNU
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dechert Price & Rhoads
STREET: 4000 Bell Atlantic Tower, 1717 Arch Stre
CITY: Philadelphia
STATE: PA
COUNTRY: US
ZIP: 19103

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/309.026
FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/971,782
FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Dickinson, Todd Q
REGISTRATION NUMBER: 28,354
REFERENCE/DOCKET NUMBER: GM10024
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-994-2252
TELEFAX: 215-994-2222
TELEX:

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:
LENGTH: 459 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-309-026-2

Query Match 8.1%; Score 132.5; DB 4; Length 459;
Best Local Similarity 32.1%; Pred. No. 2e-06;
Matches 36; Conservative 19; Mismatches 44; Indels 13; Gaps 5;

QY 174 RVSEFANDIH-----PGAKIGKGLLDHATGVIGETAVGVNDVNSILHG-VTLGGTG 225
Db 332 RPNSSLAGQVHIGNEVEKSSIGENTKAGHLT--YIG-SCVEGNNPFCAGITTVWDG 388

QY 226 KOSGRHPRKIGDVLIGAGSCILGNTIGEGAKIGSGSVVKKVDPARTTAVG 277
Db 389 KKK--YKTVIGDNVFGVNSITIIAPVELGDNLSVAGSTTTKDPADALIAIG 438

RESULT 8

US-08-846-762-76
; Sequence 76, Application US/08846762A
; Patent No. 5994072

GENERAL INFORMATION:

APPLICANT: Lam, Joseph S.
APPLICANT: Burrows, Lori
APPLICANT: Charter, Deborah
TITLE OF INVENTION: No. 5994072el Proteins Involved in the Synthesis and Assembly
FILE REFERENCE: 6580-089
CURRENT APPLICATION NUMBER: US/08/846,762A
CURRENT FILING DATE: 1997-04-30
NUMBER OF SEQ ID NOS: 100
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 76
LENGTH: 191
TYPE: PRT

US-08-846-762-76
ORGANISM: Pseudomonas aeruginosa

Query Match 7.6%; Score 125.5; DB 2; Length 191;
Best Local Similarity 29.5%; Pred. No. 3e-06;
Matches 38; Conservative 16; Mismatches 8; Indels 27; Gaps 2;

QY 181 VDIHPGAKTIGKGLLDHATGVIGETAVGVNDVNSILHG-VTLGGTG 221
Db 26 VHTGGAEIGAGCST--GQNVFVGNKRVIRIGDRVKTQNNVS-VDNVLEDDVFCGSPSVFT 83

QY 222 -----GGTGKOSGRHPRKIGDVLIGAGSCILGNTIGEGAKIGSGSVVKKVDPARTTAVG 275
Db 84 NYNPPRAALERNEVYRDLTVRGATLGNCTIVCGATVGLAFVAGAVVKKVDPALV 143

QY 276 VGNPARLIG 284
Db 144 VGVPARQIG 152

RESULT 9

US-08-597-236-9
; Sequence 9, Application US/08597236
; Patent No. 5733765

GENERAL INFORMATION:

APPLICANT: STINGELE, Francesca
APPLICANT: MOULET, Beat
TITLE OF INVENTION: LACTIC BACTERIA PRODUCTION
TITLE OF INVENTION: EXOPOLYSACCHARIDES
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:

ADDRESSEE: Pennile & Edmonds
STREET: 1155 Avenue of the Americans
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version 3.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/597,236
FILING DATE:

CLASSIFICATION: 426
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 95201669.9
FILING DATE: 20-JUN-1995

ATTORNEY/AGENT INFORMATION:
NAME: Fanucci A., Allan

```

; GENERAL INFORMATION:
; APPLICANT: Shuman, Stewart
; TITLE OF INVENTION: Pharmacological Targeting of mRNA Cap Formation
;

```

FILE REFERENCE: D6185
CURRENT APPLICATION NUMBER: US/09/188,579B
CURRENT FILING DATE: 1998-11-09
NUMBER OF SEQ ID NOS: 114
SEQ ID NO 85
LENGTH: 168
TYPE: PRT
ORGANISM: baculovirus
FEATURE:
OTHER INFORMATION: Amino acid sequence of RNA baculovirus phosphatase BVP.
US-09-188-579-85

Query Match 5.5%; Score 90; DB 3; Length 168;
Best Local Similarity 22.2%; Pred. No. 0.027;
Matches 34; Conservative 24; Mismatches 53; Indels 42; Gaps 8;

QY 17 DSRFCIKNEFRGFSVNRKIHHTQIEDDDVWIKMLEAKSDVKQEPIL-----SN 68
DB 18 DSNLICFTPLRPEL-----FAVYTSSEEDW-----TAQIVKQNPISGAIIDLNTS 65
QY 69 YYASITSHRSLSALAHLSVKLSNLPNTLPELFIISVLESPELIIESTKODLIAVK 128
DB 66 KYDGV---HFLRAGLLY-KKIQVPGQTLPESTIVQEFIDTVKE-----FT 107
QY 129 ERDPACISYVHCFGLFK--GFLACQAHRIAHHTL 159
DB 108 EKCPGMLVGHCTGINTGYMCR--YLMHTL 138

RESULT 13
US-09-315-444-85
Sequence 85 Application US/09315444A
Patent No. 6232070
GENERAL INFORMATION:
APPLICANT: Shuman, Stewart
TITLE OF INVENTION: Pharmacological Targeting of mRNA Cap Formation
FILE REFERENCE: D6185CIP
CURRENT APPLICATION NUMBER: US/09/315,444A
CURRENT FILING DATE: 1999-05-20
PRIOR APPLICATION NUMBER: US 09/188,579
NUMBER OF SEQ ID NOS: 116
SEQ ID NO 85
LENGTH: 168
TYPE: PRT
ORGANISM: baculovirus
FEATURE:
OTHER INFORMATION: Amino acid sequence of RNA baculovirus phosphatase BVP.
US-09-315-444-85

Query Match 5.5%; Score 90; DB 4; Length 168;
Best Local Similarity 22.2%; Pred. No. 0.027;
Matches 34; Conservative 24; Mismatches 53; Indels 42; Gaps 8;

QY 17 DSRFCIKNEFRGFSVNRKIHHTQIEDDDVWIKMLEAKSDVKQEPIL-----SN 68
DB 18 DSNLICFTPLRPEL-----FAVYTSSEEDW-----TAQIVKQNPISGAIIDLNTS 65
QY 69 YYASITSHRSLSALAHLSVKLSNLPNTLPELFIISVLESPELIIESTKODLIAVK 128
DB 66 KYDGV---HFLRAGLLY-KKIQVPGQTLPESTIVQEFIDTVKE-----FT 107
QY 129 ERDPACISYVHCFGLFK--GFLACQAHRIAHHTL 159
DB 108 EKCPGMLVGHCTGINTGYMCR--YLMHTL 138

RESULT 14
US-08-190-802A-63
Sequence 63 Application US/08190802A
Patent No. 5519003

GENERAL INFORMATION:
APPLICANT: Mochly-Rosen, Daria
APPLICANT: Ron, Dorit
TITLE OF INVENTION: WD-40 - Derived Peptides and Uses
TITLE OF INVENTION: Thereof
NUMBER OF SEQUENCES: 265
CORRESPONDENCE ADDRESS:
ADDRESS: Dehlinger & Associates
STREET: P.O. Box 60850
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306-0850
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/190,802A
FILING DATE: 01-FEB-1994
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Fabian, Gary R.
REGISTRATION NUMBER: 33,875
REFERENCE/DOCKET NUMBER: 8600-0139
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 324-0880
TELEFAX: (415) 324-0960
INFORMATION FOR SEQ ID NO: 63:
SEQUENCE CHARACTERISTICS:
LENGTH: 713 amino acids
TYPE: amino acid
TOPOLOGY: unknown
MOLECULE TYPE: protein
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: TUPL, Fig. 46
US-08-190-802A-63

Query Match 5.3%; Score 87; DB 1; Length 713;
Best Local Similarity 18.8%; Pred. No. 0.62;
Matches 52; Conservative 40; Mismatches 88; Indels 96; Gaps 11;

QY 15 DDSSRFCCIK-----NFRPGFSVNRKIHHTQIEDDDVWIKMLEAKSDVKQEPILSNY 69
DB 342 DHTSVVCCVCKFSNDGEVYATGCKNTGYVYV---SDGSLVARLSDDSANNNHRSITENN 398
QY 70 YYASITSHRSLSALAHLSVKLSNLPNTLPELFIISVLESPELIIESTKODLIAVK 119
DB 399 TTTSTNNMTTMTTITTTTITTTTAMTSAELANDVEMLTSSSPSSDLVIRSV----- 449
QY 120 TQODLIAVNERDPACISYVHCFGLFKGFLACQAHRIAHHTLWK--ONRKIVALLONRYS 178
DB 450 -----CSPDGKFLATGAEDRLIRINDENKIV--MLQGEHODI 488
QY 179 FAVDIIHPGAKIGKGLLDHATGVIGETAVVGDVNSIILHGVTLGGTGKSGDRHPRIGDG 238
DB 489 YSLDFFPS-----GDKLVSG-----SGDRTVIMD- 513
QY 239 VLIAGSCIL-----GNIT-----GEGAKIGSGSV 264
DB 514 --LRTGQCSLTLISIEDGVTVAVSPGGGKYIAAGSL 547

RESULT 15
US-09-032-372-12
Sequence 12 Application US/09032372
Patent No. 6008337
GENERAL INFORMATION:
APPLICANT: Bandman, Olga

